

National Board of Examinations

Question Paper Name : DNB Radio Diagnosis Paper1
Subject Name : DNB Radio Diagnosis Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718737695 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

| Question Number | Answer to be attempted within | Question Number | Answer to be attempted within |
|-----------------|-------------------------------|-----------------|-------------------------------|
| Q. 1 | Page 1-5 | Q. 6 | Page 26-30 |
| Q. 2 | Page 6-10 | Q. 7 | Page 31-35 |
| Q. 3 | Page 11-15 | Q. 8 | Page 36-40 |
| Q. 4 | Page 16-20 | Q. 9 | Page 41-45 |
| Q. 5 | Page 21-25 | Q. 10 | Page 46-50 |

- a) Discuss the radiological anatomy of the temporomandibular (TM) joint on MRI. [5]
- b) Describe the imaging features of specific conditions affecting the TM Joint. [5]

Question Number : 2 Question Id : 32718737696 Consider As Subjective : Yes

- a) Discuss the classification of tumours of the central nervous system in adults. [5]
- b) Describe the imaging findings seen in pituitary adenoma. [5]

Question Number : 3 Question Id : 32718737697 Consider As Subjective : Yes

- a) Describe the imaging findings of multiple myeloma. [6]
- b) What are the differentiating features on imaging with metastases? [4]

Question Number : 4 Question Id : 32718737698 Consider As Subjective : Yes

- a) Enumerate the various CNS manifestations in HIV patients. [4]
- b) Describe the characteristic imaging findings in any three of them. [6]

Question Number : 5 Question Id : 32718737699 Consider As Subjective : Yes

- a) Describe the pathogenesis of avascular necrosis of bones.[3]
- b) Discuss the various imaging findings seen in avascular necrosis of the hip. [7]

Question Number : 6 Question Id : 32718737700 Consider As Subjective : Yes

- a) Enumerate the various soft tissue tumours of the extremities. [4]
- b) What are the pertinent points to be included in the MRI report of these tumours? [6]

Question Number : 7 Question Id : 32718737701 Consider As Subjective : Yes

Discuss the differential diagnosis of unilateral proptosis and the role of imaging. [4+6]

Question Number : 8 Question Id : 32718737702 Consider As Subjective : Yes

Discuss the skeletal changes on imaging in:

- a) Leukemia. [5]
- b) Haemolytic anaemia. [5]

Question Number : 9 Question Id : 32718737703 Consider As Subjective : Yes

Describe the technique of MRI and normal appearance of cruciate ligaments of knee. Discuss the imaging findings in anterior cruciate ligament injury. [5+5]

Question Number : 10 Question Id : 32718737704 Consider As Subjective : Yes

- a) Discuss the pathophysiology and the radiographic findings of primary hyperparathyroidism on a skeletal survey. [3+5]
- b) Enumerate its differentiating features with secondary hyperparathyroidism. [2]